

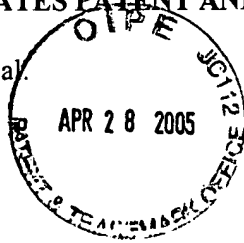
FTW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jim Dunphy, et al.

Art Unit: Not Yet Assigned

Serial No.: 10/811,449



Examiner: Not Yet Assigned

Filed: 3/26/04

For: **METHOD AND APPARATUS FOR LUBRICATING MICROELECTROMECHANICAL  
DEVICES IN PACKAGES**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

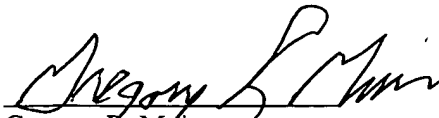
The attention of the Patent and Trademark Office is hereby directed to the following documents: Copies of cited references are enclosed.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. It is respectfully requested that the information be considered during the prosecution of this application and that the cited documents be listed on the front page of any patent issuing from this application.

The Patent Office is authorized to charge our Deposit Account No. 501516 for any fee which it deems to be required to effect consideration of this statement.

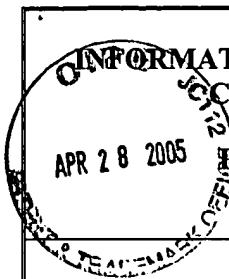
Respectfully submitted,

A handwritten signature in black ink, appearing to read "Gregory R. Mair", is written over a horizontal line.

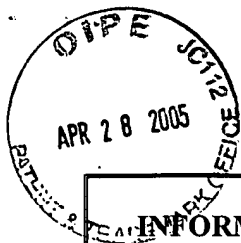
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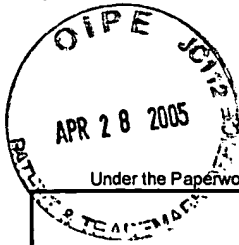
		ATTY. DOCKET NO. P132-US		SERIAL NO. 10/811,449			
		APPLICANT Dunphy, et al.					
		FILING DATE 3/26/04		GROUP Not Yet Assigned			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	5,939,785	8/17/99	Klonis, et al.				
	5,411,769	8/17/99	Hornbeck				
	6,204,085	3/20/01	Strumpell, et al.				
	2003/0064149	4/3/03	Miller				
	6,259,551	7/10/01	Jacobs				
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	6,300,294	10/9/01	Robbins, et al.				
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	6,475,570	11/5/02	Jacobs				
	2004/0100677	5/27/04	Huibers, et al.				
	2004/0125346	7/1/04	Huibers				
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	W. Robert Ashurst, et al., WAFER LEVEL ANTI-STICTION COATINGS FOR MEMS., Sensors and Actuators A 104 (2003), Pgs 213-221.						
	W. Robert Ashurst et al., VAPOR PHASE ANTI-STICTION COATINGS FOR MEMS, Pgs 1-6.						
	W. Robert Ashurst, et al., NANOMETER-THIN TITANIA FILMS WITH SAM-LEVEL STICKTION AND SUPERIOR WEAR RESISITANCE FOR RELIABLE MEMS PERFORMANCE, 4 pgs.						
	B.C. Bunker, et al., THE IMPACT OF SOLUTION AGGLOMERATION ON THE DEPOSITION OF SELF-ASSEMBLED MONOLAYERS, 2000 American Chemical Society, Pgs 7742-7751.						
	W. Robert Ashurst, et al., ALKENE BASED MONOLAYER FILMS AS ANTI-STICTION COATINGS FOR POLYSILICON MEMS, Berkeley Sensor & Actuator Center, 4 pgs.						
	S Imad-Uddin Ahmed, et al., USING SELF ASSEMBLED MONOLAYERS TO REDUCE FRICTION AND WEAR IN POLYSILICON BASED MEMS, 2000, Pgs. 1-18.						
	Uthara Srinivasan, et al., SELF ADDRESSED FLUOROCARBON FILMS FOR ENHANCED STICTION REDUCTION, 1997 ieee, Pgs. 1399-1402.						
EXAMINER			DATE CONSIDERED				

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<b>INFORMATION DISCLOSURE CITATION</b>  <b>PTO-1449</b>  <b>SHEET 2 OF 2</b>			ATTY. DOCKET NO. P132-US		SERIAL NO. 10/811,449		
			APPLICANT Dunphy, et al.				
			FILING DATE 3/26/04		GROUP Not Yet Assigned		
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	2004/0012838	1/22/04	Huibers				
	2004/0100594	5/27/04	Huibers, et al.				
	2004/0156090	8/12/04	Patel, et al.				
	5,835,256	11/10/98	Huibers				
	6,046,840	4/4/00	Huibers				
	6,844,959	1/18/05	Huibers, et al.				
	6,867,897	3/15/05	Patel, et al.				
	5,287,096	2/15/94	Thompson, et al.				
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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